Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 21 Mar 2023 until 23:59 on Wednesday 22 Mar 2023

Forecast Issued on Monday 20 Mar 2023 at 15:14

Confidence: High becoming Medium in details from Thursday.

Headline for Tuesday 21 Mar 2023: Rain dying out with drier spells in the afternoon. Strong summits winds.

Mountain weather hazards on Tuesday 21 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Dull	Cloudy	Cloudy	Heavy Rain
Precipitation probability							
70%	60%	50%	50%	30%	20%	20%	50%

Forecast for Tuesday 21 Mar 2023

Weather: Outbreaks of heavy rain overnight and early morning, the rain then turning lighter with some drier spells in the afternoon with the skies brightening. Further heavy rain in the evening.

Chance of cloud-free hill tops above 600m: 30% rising 80% in the afternoon.

Low Cloud and visibility: Extensive cloud, base 300 to 600m, lifting to around 900m at times in the afternoon. Visibility starting moderate to very poor at height, but good or very good at times in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 21 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/27 S	19/27 S	20/28 S	23/34 SW	24/35 SW	25/36 SW	23/34 SW	24/35 S	28/42 S
300	13/26 S	12/24 S	13/27 S	16/31 SW	17/32 SW	16/32 SW	14/30 SW	14/31 S	17/36 S
Valley	10/23 S	10/23 S	10/24 S	14/31 S	15/30 SW	15/30 SW	12/27 SW	12/29 S	16/35 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	6/2	6/1	6/1	6/1	6/0	5/0	5/-0	5/-1
300	9/6	8/5	8/5	8/5	8/4	8/5	8/4	7/4	8/4
Valley	10/8	9/7	9/6	9/6	9/6	10/6	9/6	8/6	9/6
Freezing Level*	2000m	1800m	1500m	1500m	1400m	1400m	1400m	1600m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Medium confidence around details of heavy rain in the morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 20 Mar 2023	6.8mm	9.6mm	20.6mm

Forecast for Wednesday 22 Mar 2023

Weather: Heavy overnight rain then bright during daylight hours with occasional sunny spells and a scattering of showers. Heavy, perhaps thundery, showers later in the evening. Windy and cold at height, early summit gales.

Maximum wind: Southwest 35mph gusting 50mph.

Chance of cloud-free hill tops above 600m: 30 % overnight, becoming 90% during daylight hours.

Low Cloud and visibility: Extensive cloud, base 300 to 600m overnight, lifting and breaking above the tops during daylight hours. Visibility moderate to very poor overnight, but mostly good or very good during daylight hours.

Temperature: **Valleys:** Plus 6 rising to 11 Celsius in the afternoon.
At 600m: Plus 2 to 5 Celsius
Freezing level: Above the summits.

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